WP AND SP SERIES FORK-MOUNTABLE WORK PLATFORMS

USE & MAINTENANCE MANUAL

KEEP THIS MANUAL FOR FUTURE REFERENCE OF OPERATORS. CHECK VESTIL.COM FOR UPDATES TO THE MANUAL. DO NOT USE UNLESS EACH LABEL IS AFFIXED TO THE PLATFORM (AS SHOWN IN FIG. 12 ON P. 14), UNDAMAGED AND READABLE.

WP-3737-FD
CAPACITY: 600LB (273KG)

WP-SERIES
1,000LB (455KG)

SP-SERIES
1,000LB (455KG)

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NOTE: Compliance with regulations, codes, and/or statutory (non-voluntary) standards enforced in the location where the platform is *used* is exclusively the responsibility of the end-user.

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PRODUCT INTRODUCTION

Thank you for purchasing a fork-mountable work platform ("platform" or "work platform") made by Vestil Manufacturing Corporation ("Vestil"). Our platforms are durable, high-quality products that combine safety-conscious design features and rigorous engineering. Although use and maintenance procedures are relatively intuitive, all persons who might use or maintain this product must familiarize themselves with the instructions provided in this manual.

Standard design features include: fork pockets that receive the tines (forks) of a fork lift; mast guard; guard rails with either 1 or 2 gates; and either a safety chain or safety strap to secure the work platform to the fork carriage to prevent the work platform from sliding off of the forks if the lift operator accidentally tilts the mast forward during use. Dimensions and other product specifications of offered models appear in the following tables:

Model	Platform dimensions Width x Length in inches (~cm)	Distance between the centers of fork pockets in Inches (~cm)	Height of (expanded metal) mast guard	Net weight in pounds (~kg)
WP-3636	36 x 36 (91 x 91)cm	16 (41cm)	60 (152cm)	200 (91kg)
WP-3648	36 x 48 (91 x 122)cm	16 (41cm)	60 (152cm)	230 (105kg)
WP-4848	48 x 48 (122 x 122)cm	24 (61cm)	60 (152cm)	275 (125kg)
WP-4848-FF	48 x 48 (122 x 122)cm	24 (61cm)	60 (152cm)	295 (134kg)
WP3636-84B	36 x 36 (91 x 91)cm	16 (41cm)	84 (213cm)	246 (112kg)
WP-3648-84B	36 x 48 (91 x 122)cm	16 (41cm)	84 (213cm)	259 (118kg)
WP-4848-84B	48 x 48 (122 x 122)cm	24 (61cm)	84 (213cm)	300 (136kg)
WP-4848-FF-84B	48 x 48 (122 x 122)cm	24 (61cm)	84 (213cm)	316 (144kg)
WP-3636-DD	36 x 36 (91 x 91)cm	16 (41cm)	60 (152cm)	234 (106kg)
WP-3648-DD	36 x 48 (91 x 122)cm	16 (41cm)	60 (152cm)	247 (112kg)
WP-4848-DD	48 x 48 (122 x 122)cm	24 (61cm)	60 (152cm)	288 (131kg)
WP-4848-DD-FF	48 x 48 (122 x 122)cm	24 (61cm)	60 (152cm)	304 (138kg)
WP3636-84B-DD	36 x 36 (91 x 91)cm	16 (41cm)	84 (213cm)	246 (112kg)
WP-3648-84B-DD	36 x 48 (91 x 122)cm	16 (41cm)	84 (213cm)	259 (118kg)
WP-4848-84B-DD	48 x 48 (122 x 122)cm	24 (61cm)	84 (213cm)	300 (136kg)
WP-4848-FF-84B-DD	48 x 48 (122 x 122)cm	24 (61cm)	84 (213cm)	316 (144kg)
*WP-3737-FD (FOLD-DOWN MODEL)	37 x 37 (94 x 94)cm	26 (66cm)	60 (152cm)	175 (80kg)
"Stock-picker" (SP) series work platforms				
SP-175	30 x 20 (76 x 51)cm	24 (61cm)	60 (152cm)	185 (84kg)
SP-175-84B	30 x 20 (76 x 51)cm	24 (61cm)	84 (213cm)	190 (86kg)

NOTE: To calculate the weight of a "fully loaded platform," select the specific model you own/use, find the net weight of your model in the table above, and then add: 1) 1,000 pounds (455kg) for all WP-series models except the fold-down WD-3737-FD; 2) 1,000 pounds (455kg) for SP model platforms; or 3) 600 pounds (273kg) for WP-3737-FD platforms.

Work platform safety options		
Item designation	**Description**	**Weight in pounds (~kg)**
WP-CA	4in. x 2in. mold-on rubber casters	24 (~11kg)
WP-SB	Emergency stop button kit	9 (~4kg)
WP-SB-FTJB	Emergency stop junction box – Fork truck	4 (~1.8kg)
WP-SB-WPJB	Emergency stop junction box – Work platform	5 (~2kg)
WP-TC	Fluorescent tube caddy	12 (~5.5kg)
WP-P-TC	Fluorescent tube caddy (plastic)	
WP-TT36	36in. tool tray	6 (~2.4kg)
WP-TT48	48in. tool tray	10 (~4.5kg)
WP-AFR	Automatically deploying ramp	276 (~125kg)
WP-WS	Caution sign with necessary mounting hardware	2 (~0.9kg)
WP-DL	Double chain door lock	2 (~0.9kg)

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Recommended Lanyard and Safety Harness Options (see sizing chart below)			
Item designation	**Description**	**Lanyard length in feet (~m)**	**Weight in pounds (~kg)**
WP-LH-S	Small harness	6 (~1.83m)	10 (~4.5kg)
WP-LH-M	Medium harness	6 (~1.83m)	10 (~4.5kg)
WP-LH-L	Large harness	6 (~1.83m)	10 (~4.5kg)
WP-LH-XL	Extra large harness	6 (~1.83m)	10 (~4.5kg)
WP-LH-XXL	Extra-extra large harness	6 (~1.83m)	10 (~4.5kg)
WP-LH-XXXL	Extra-extra-extra large harness	6 (~1.83m)	10 (~4.5kg)

Height	**Waist size**					
	34"-36"	**38"-40"**	**42"-44"**	**46"-48"**	**50"-54"**	**56"-60"**
5ft 4in – 5ft 7in (163 – 170)cm	Small	Small	Medium	Large	X-Large	XX-Large
5ft 8in – 5ft 11in (173 – 180)cm	Small	Medium	Large	X-Large	XX-Large	XXX-Large
6ft – 6ft 3in (183 – 191)cm	Medium	Medium	Large	X-Large	XX-Large	XXX-Large
6ft 3in and Taller 191cm and taller	Large	Large	X-Large	X-Large	XX-Large	XXX-Large

Platform Model	**Maximum Rated Load**
WP-series except fold-down	1,000
SP-series	1,000
Fold-down WP-3737-FD	600

Vestil Manufacturing Corp. created this manual to acquaint owners and operators of our fork-mounted work platforms with safe operation and maintenance procedures. **Employers are responsible for instructing employees to use the product properly (see OSHA standard 1910.178 and 1993 letter of interpretation accessible at http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=21322).**
Employees and any other persons who might assemble, use, or perform maintenance on the platform must read and understand every instruction BEFOREHAND. Users should have access to the manual at all times and should review the directions before each use. Contact Vestil for answers to any question that remain after reading the entire manual.

Although Vestil diligently strives to identify foreseeable, hazardous situations, this manual cannot address every conceivable danger. The end-user is ultimately responsible for exercising sound judgment at all times.

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SAFETY PRINCIPLES Vestil manufactures several distinct models of work platform: WP-series, SP-series, and the completely collapsible WP-3737-FD. The variants offer different platform dimensions, the number of gates, height of mast guard, and maximum rated load. Each unit conforms to the generalized specifications disclosed in this manual and fulfills our demanding standards for quality, safety and durability.

Vestil Manufacturing Corp. recognizes the critical importance of workplace safety. Each person who **might** participate in the use or maintenance of the product must read this manual **and fully understand the directions BEFORE using or performing maintenance on the platform. If you do not understand an instruction, contact Vestil for clarification. Failure to adhere to the directions in this manual might lead to serious personal injury or even death.**

Vestil is **not liable** for any injury or property damage that occurs as a consequence of failing to apply either: 1) the instructions that appear in this manual; or 2) the information provided on labels affixed to the product. Furthermore, failure to exercise good judgment and common sense may result in property damage, serious personal injury or death. Such failure is solely the fault of the person(s) who acted without good judgment; it is **not *another* responsibility of Vestil**.

This manual uses SIGNAL WORDS to classify personal injury risks or situations that might lead to property damage, as well as to draw attention to safety message(s). The reader must understand that each signal word indicates the seriousness of the described hazard.

DANGER	**Identifies a hazardous situation which, if not avoided, WILL result in DEATH or SERIOUS INJURY. Use of this signal word is limited to the most extreme situations.**
WARNING	**Identifies a hazardous situation which, if not avoided, COULD result in DEATH or SERIOUS INJURY.**
CAUTION	**Indicates a hazardous situation which, if not avoided, COULD result in MINOR or MODERATE injury.**
NOTICE	Identifies practices likely to result in product/property damage, such as operation that might damage the platform.

SAFETY GUIDELINES

Failure to read and understand the instructions included in this manual before using or servicing the work platform constitutes misuse of the product.

Study the entire manual before you use the product for the first time and before each subsequent use. Read the manual to refresh your understanding of the safe use, inspection and maintenance procedures explained on p. 5. If questions remain about the product after you finish reading the manual, contact Vestil for answers. DO NOT attempt to resolve any problems with the work platform unless you are authorized to do so and are *certain* that it will be safe to use afterwards.

DANGER Electrocution might result if the work platform contacts electrified wires. Reduce the likelihood that platform occupants or bystanders might be electrocuted by applying **common sense**:

- DO NOT *contact* electrified wires with any part of the platform;
- DO NOT use the platform in an area where contact with electrified wires is likely;
- DO NOT use the work platform in *close proximity to* electrified wires or other sources of electricity.

WARNING Material handling is dangerous. Improper or careless operation might result in serious personal injuries sustained by the boom operator(s) and bystanders. Your use of the platform must always conform to OSHA "Powered industrial trucks" regulations (29 CFR 1910.178 accessible at http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=96a878227f273aa6ec3cea186e1c142b&rgn=div8&view=text&node=29:5.1.1.1.8.14.37.3&idno=29). In addition to requirements by law, work platform users should conform to the following:

- Contact the manufacturer of your lift truck to verify that the truck is capable of safely handling the fully loaded platform (see "NOTE" on p. 2). The width of your platform must be equal to or less than the width of your fork truck plus 10 inches (250mm).
- DO NOT exceed the maximum occupancy ratings for each model:
  - WP-series = 2;
  - SP-175 = 1;
  - WP-3737-FD = 2.
- ONLY use the work platform as a means for lifting people and necessary tools and equipment.
- DO NOT use a structurally compromised work platform. Examples of structural damage includes: broken railings, broken fork pockets, and holes produced by rust or corrosion in the platform floor or mast guard. Inspect the platform before each use according to the inspection instructions on p. 5. DO NOT use the platform unless it passes *every* part of the inspection.
- DO NOT use a damaged platform. Inspect the unit before each use according to the inspection instructions on p. 5. DO NOT use the platform unless it passes *every* element of the inspection.
- Platform occupants and fork truck operators must wear hard hats whenever this platform is used.

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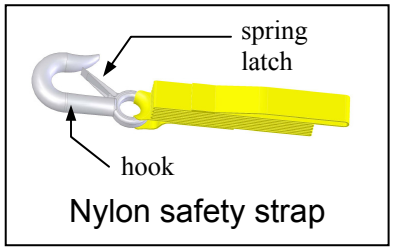
⚠WARNING (Continued from p. 4)

- DO NOT use the platform if the safety chain/strap is damaged or missing; DO NOT lift the platform until it is securely connected to the carriage of the fork truck with the safety strap. **NOTE:** The safety chain/strap is the ***primary*** safety mechanism, and must be used ***each time the work platform is used!*** To use the safety chain/strap properly, attach the device to the fork truck carriage as instructed in Step 2 on p. 9. Each work platform also includes a ***secondary*** safety feature called a tine lock that secures the platform to a tine of your fork truck. However, the lock might not fit over the heel of the tine of your fork truck. If this is the case, do not modify the tine lock; simply do not use it.
- DO NOT attempt to support a load that weighs more than the platform's maximum rated load. The net weight, i.e. the sum of the weight of all occupants and everything else supported by the platform, cannot exceed the maximum rated load of the platform.
- DO NOT stand beneath or travel under the platform while it is elevated.
- DO NOT use the gate(s), chains, mast guard, guardrails, etc. as a step.
- Platform occupants must ALWAYS use personal fall protection equipment securely attached to the platform at an anchorage point (see "Operation and use" diagrams on p. 9) as long as the platform is elevated. Only disconnect from an anchorage point when the platform rests securely on the ground.
- **DO NOT use UNLESS each label shown in Fig. 12 on p. 14 is affixed to the platform, undamaged and readable.**

Inspections

Before each use inspect the listed components:

1. Tine lock(s): confirm normal function. Model specific tine lock information appears on p. 8.
2. Snap hook attached to the free end of the nylon safety strap: confirm that the spring latch automatically closes securely against the hook as shown in the diagram to the right. If the hook, nylon strap, or latch is damaged, do not use the platform until a complete, new safety strap is obtained and attached to the platform cold shut (see p. 9).
3. Gate latch(es):
   - WP-3737-FD: confirm that each gate latch functions normally (see "Step 4" on p. 11);
   - SP-175 series: confirm chains, cold shuts, snap rings and D-rings are undamaged;
   - WP-series: gate(s) are spring-actuated and should automatically close when released. If a gate(s) does not automatically close, replace the spring before resuming use of the platform.



Nylon safety strap

4. Handrails: check the rails, rail welds, and points of attachment to the platform for bending, warping and cracking.
5. Lanyard attachment points: check the anchorage weldment (see diagrams on p. 9) and points of attachment to the mast guard for bending, warping, or cracking.
6. Casters (if equipped with WP-CA kit): check the casters to confirm that each one is properly seated within the corner handrail posts (see p. 12).
7. Product labels: all labels should be readable and located as shown in the diagram on p. 14. If a label(s) is unreadable or missing, contact Vestil to order a replacement.

At least 1 time per month, inspect:

1. Fasteners (hardware):
   - Mast guard hinge - bolts, nuts, washers;
   - Tine lock - pins, cotter pins, spring pins, and tine brackets (see p. 8);
   - Gates – chains, latches, hinges, pins, springs.
2. Casters: look for excessive wear, bending or cracking; if present, do not use the casters to move the platform until the damaged caster(s) is replaced.
3. Fork pockets: confirm that each pocket is structurally sound, not corroded or rusted. Do not use the platform if the fork pockets are structurally compromised or excessively rusted or corroded.
4. Welds: confirm that all welds are intact.
5. Obvious damage to, or structural deformation of, handrails, gate(s), or the platform itself.
6. Overall condition of platform: the structure should be clean, square and rigid, and free of rust and corrosion. Remove dirt and debris. Do not use the platform if the base is excessively rusted or corroded.

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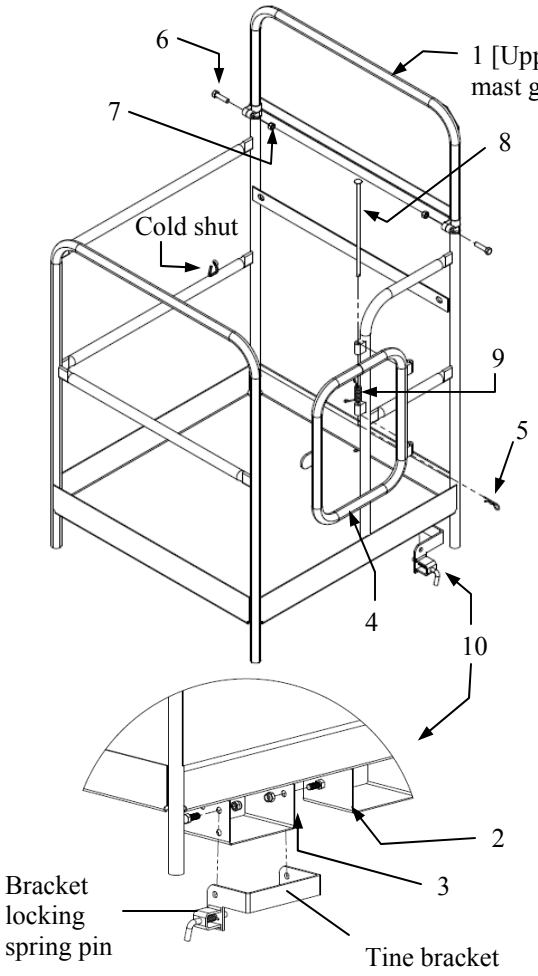
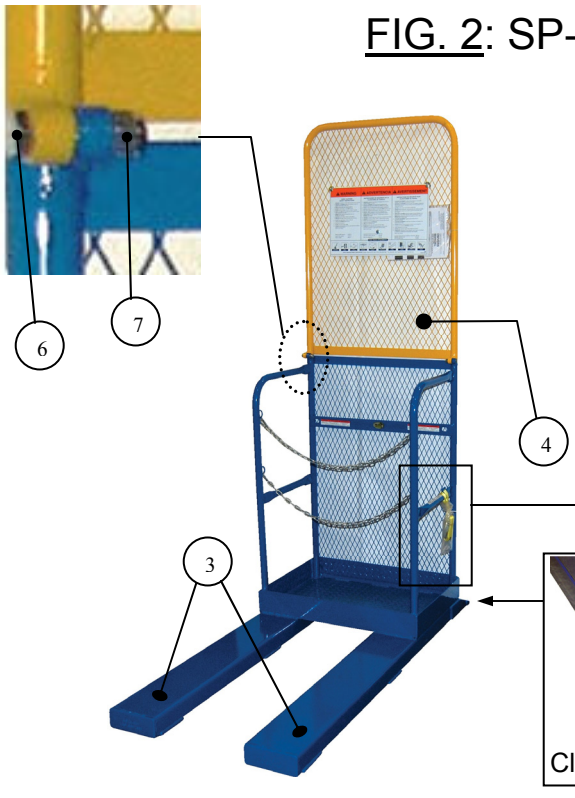
FIG. 1: WP-series Diagram & Parts List



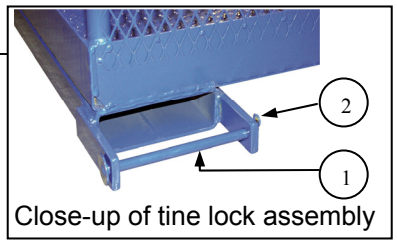
Item No.	Description	Part No.	Quantity
1	**Upper mast guard weldment** WP-3636 models: Standard mast guard 48in. (Cal-OSHA) upper mast guard WP-3648 models: Standard mast guard 48in. (Cal-OSHA) guard WP-4848 models: Standard mast guard 48in. (Cal-OSHA) guard	 14-514-125 14-514-128 14-514-125 14-514-128 14-514-126 14-514-129	1
2	½" – 13 x 1-1/4" zinc-plated HHCS bolt	11207	2
3	½" – 13 nylock nut	37030	2
4	Hinged gate weldment	14-514-093	1
5	#11 hitch pin	45286	1
6	½" x 2" hex head bolt	10211	2
7	½" – 13 UNC hex nut	36109	2
8	7/16" x 14" round head pin	14-112-009	1
9	9/16" x 2-1/4" spring	14-146-002	1
10	WP tine lock assembly	14-537-007	1
	Nylon safety strap	08-145-028	1
	Complete tine lock assembly	14-537-007	1

NOTE: Cold shut is used to secure the nylon safety strap to the midrail.

FIG. 2: SP-175 series Diagram & Parts List



Item no.	Part no.	Description	Quantity
1	14-112-001	5/8in. x 9-1/2in. pin	2
2	45286	1/8in. x 2-5/8in. (#11) hitch pin clip	2
3	37-028-014	Fork tubes	2
4	14-514-127 14-514-130	Upper mast guard (standard); OR Upper mast guard (Cal-OSHA)	1
5	1/4in. cold shut	Cold shut (clips for entryway chains	4
6	10211	½ in. x 2in. hex head bolt	2
7	36109	½ in. – 13 UNC hex head nut	2



Close-up of tine lock assembly

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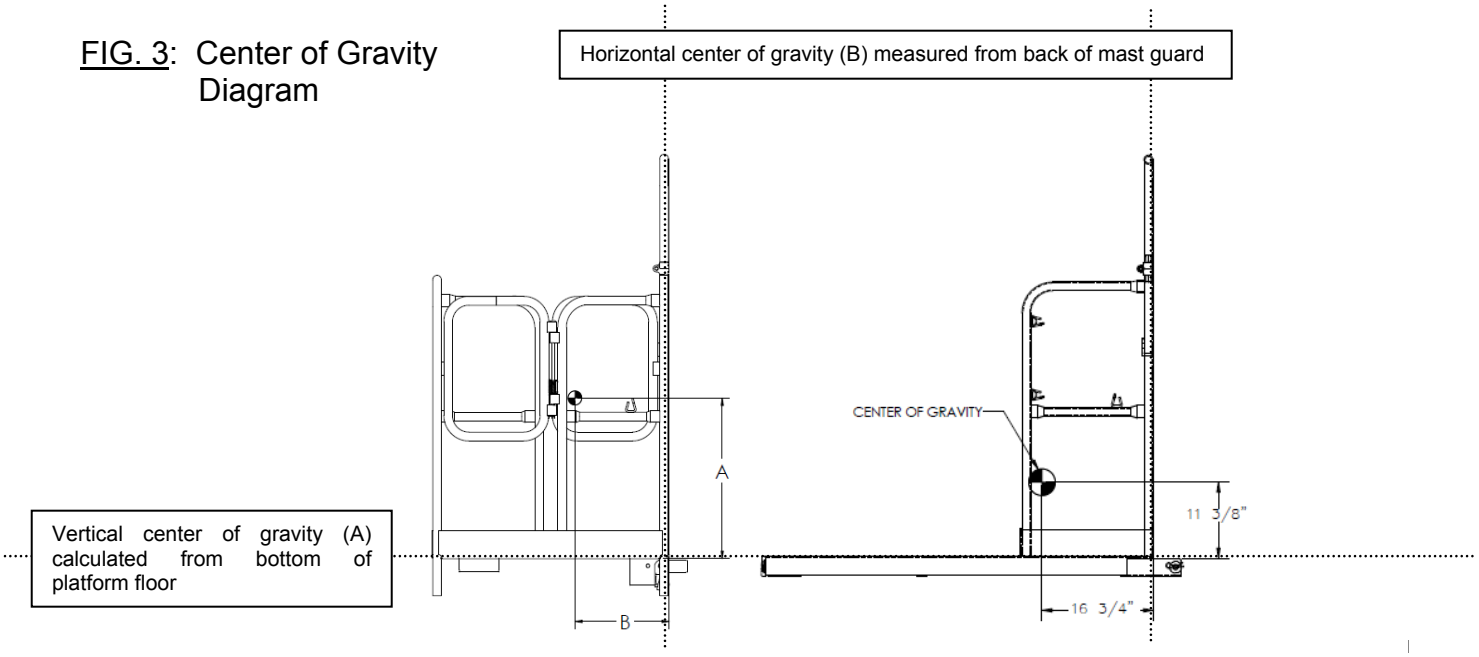
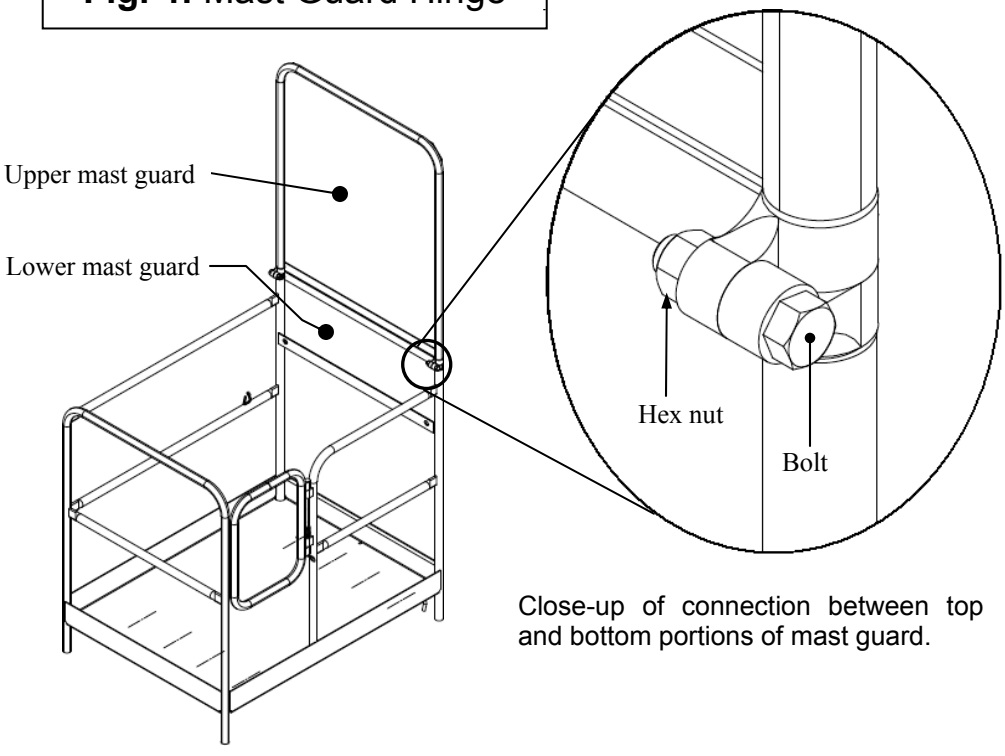
FIG. 3: Center of Gravity Diagram


Horizontal center of gravity (B) measured from back of mast guard
Vertical center of gravity (A) calculated from bottom of platform floor
A
B
CENTER OF GRAVITY
11 3/8"
16 3/4"

Model	A: Vertical center of gravity in inches (~cm)	B: Horizontal center of gravity in inches (~cm)	Model	A: Vertical center of gravity in inches (~cm)	B: Horizontal center of gravity in inches (~cm)
WP-3636	17.9 (45.5cm)	13.6 (34.5cm)	WP-3636-DD	18.1 (46.0cm)	13.7 (34.8cm)
WP-3648	16.8 (42.7cm)	19.0 (48.3cm)	WP-3648-DD	18.8 (47.8cm)	17.0 (43.2cm)
WP-4848	16.6 (42.2cm)	18.6 (47.2cm)	WP-4848-DD	16.8 (42.7cm)	18.5 (47.0cm)
WP-4848-FF	16.6 (42.2cm)	18.6 (47.2cm)	WP-4848-DD-FF	16.8 (42.7cm)	18.5 (47.0cm)
WP-3636-84B	23.5 (59.7cm)	12.3 (31.2cm)	WP-3636-84B-DD	23.4 (59.4cm)	12.5 (31.8cm)
WP-3648-84B	21.9 (55.6cm)	17.4 (44.2cm)	WP-3648-84B-DD	21.9 (55.6cm)	17.3 (43.9cm)
WP-4848-84B	22.0 (55.9cm)	17.0 (43.2cm)	WP-4848-84B-DD	21.9 (55.6cm)	17.0 (43.2cm)
SP-175	11.4 (28.9cm)	16.8 (42.5cm)	WP-3737-FD	16.5 (41.9cm)	18.0 (45.7cm)

Fig. 4: Mast Guard Hinge



Close-up of connection between top and bottom portions of mast guard.

⚠WARNING If the mast guard is improperly fastened, it cannot adequately protect platform occupants. Therefore, make sure that hinge fasteners (circled in the drawings) are tightened to **35ft·lb of torque. Retighten the connection to 35 ft·lb whenever**:

1. The work platform is taken out of storage:
   - Raise the upper portion of the mast guard, and then
   - Tighten the bolts and nuts.
2. If the mast guard is bumped or deflected from vertical.
   - Immediately lower the platform to the ground; then
   - Straighten the mast guard (return it to the vertical orientation) and retighten the bolts and nuts.

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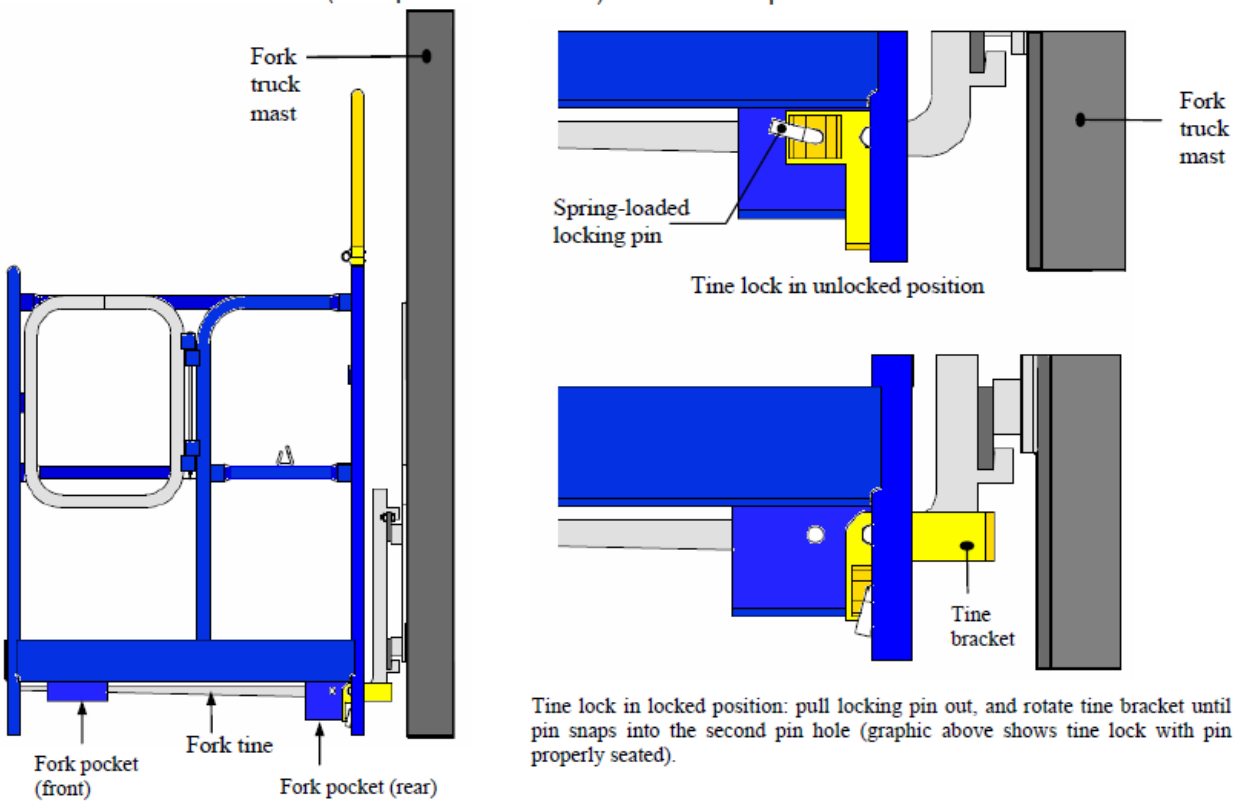
Loading the platform

Each of our work platforms includes 2 means for securing the platform to a fork lift: 1) tine lock, AND 2) nylon safety strap.

Step 1: Attach the platform to a fork truck:
Drive the fork truck forward until the mast guard contacts the back of (vertical part) the tines. For all WP models, make sure that the tines extend through the front and rear fork pockets (see diagram below). Attach the platform to the fork truck's fork carriage with the securing chain, and capture the heel of the fork with the tine lock underneath the corner of the platform as shown in the drawings below.

NOTE: The safety chain/strap is the *primary* safety mechanism, and must be used ***each time the work platform is used!*** To use the safety chain/strap properly, attach the device to the fork truck carriage as instructed in Step 2 on p. 9. Each work platform also includes a *secondary* safety feature called a tine lock that secures the platform to a tine of your fork truck. However, the lock might not fit over the heel of the tine of your fork truck. If this is the case, do not modify the tine lock; simply do not use it.

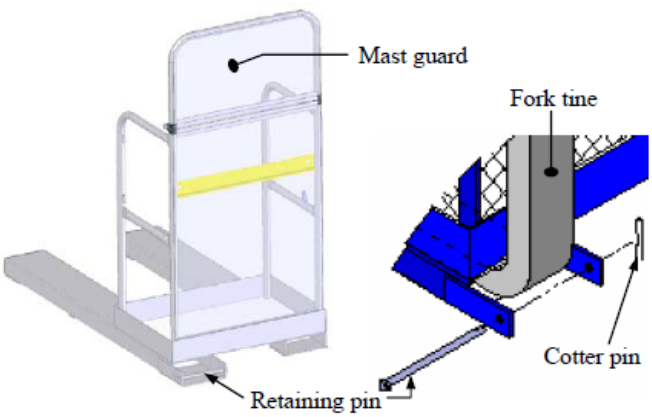
FIG. 5A: WP-series (except WP-3737-FD) Tine Lock Operation



Tine lock in locked position: pull locking pin out, and rotate tine bracket until pin snaps into the second pin hole (graphic above shows tine lock with pin properly seated).

FIG. 5B SP-175 series & WP-3737-FD Tine Lock Operation: remove the retaining pin and cotter pin (SP-175's only) before driving the fork tines into the tine lock. WP-3737-FD's include tine locks on both fork pockets; SP-175 series platforms include a tine lock on only 1 (left) fork pocket. Drive the fork truck forward until the upright portions of the tines contact the mast guard; then insert the retaining pin and secure it with the cotter pin (SP-175's only).

SP-175 tine locks



WP-3737-FD tine locks

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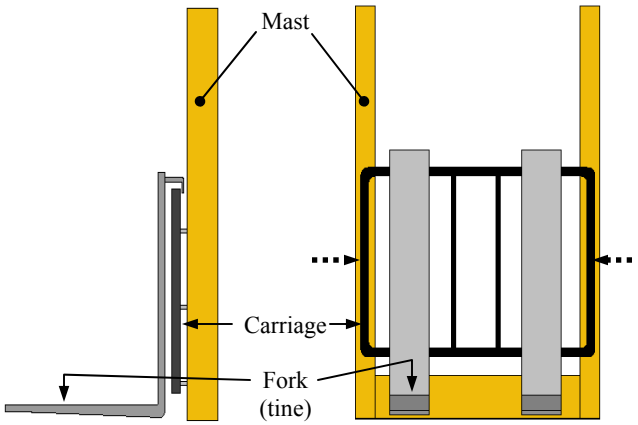
Step 2: Fasten the nylon safety strap to the fork carriage.

WARNING The nylon strap is an essential safety-enhancing feature. If the forks are accidentally tilted towards the ground, the strap will not prevent the platform from sliding off of the fork lift if it is improperly connected to either the platform or the fork lift. Use the strap to connect the work platform to the *carriage* of your fork truck. Wrap the strap around the carriage ***with no slack*** at one of the points indicated by dotted arrows in Fig. 6 (vertical midpoint of carriage).

FIG. 6: Proper attachment of nylon safety strap



As delivered to you (end-user) the strap is connected to the mid-rail. Each time the platform is engaged by a fork lift, the other end of the nylon strap must be connected to the fork carriage.

WP-3737-FD platforms

For all other WP-series platforms, the maximum rated load is 1,000 pounds (455kg). The load rating is posted on the "Warning" placard fastened to the mast guard. Only use the platform to lift one or two people along with necessary light tools and equipment. Maximum occupancy is two persons.

The maximum rated load of SP-series platforms is 1,000 pounds (455kg). These platforms are designed to lift only one person as well as a skid supported by the fork tubes. This arrangement allows the platform occupant to either remove stock from, or place stock onto, shelves. The weight of the skid loaded supported by the fork tubes must not produce a horizontal load center more than 20 inches (~51cm) from the front of the stock platform (see diagram below).

Proper loading (SP-series)

Fork tubes (see arrows): use to support & lift only 1 skid at a time.

Combined weight of skid and load must not produce load center more than 20 inches from front of work platform. (Front of platform indicated by solid line; 20in. in front of platform indicated with dashed line.)

Use instructions

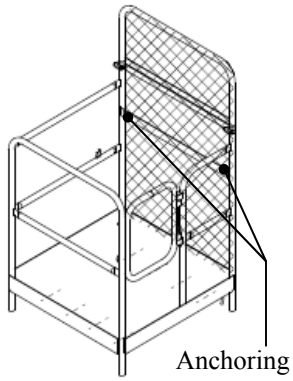
WARNING The platform user, fork truck operator, and/or bystanders might sustain serious personal injuries or could be killed if the WP or SP is misused. Occupant(s) or fork truck operators, who disregard obvious hazards, commit product misuse and bear sole responsibility for the consequences. To reduce the likelihood of harmful consequences:

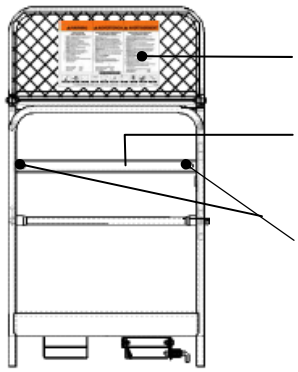
- Both the **WP-series and SP-series** products are **medium-duty** rated platforms. ONLY use with sit-down rider, high lift fork trucks having a minimum load capacity of 3,000 pounds at a 24" load center.
- ALWAYS review the "Warnings and Safety Instructions" on p.1 before each use.
- ALWAYS apply the operation recommendations of Occupational Safety and Health Administration (OSHA) standard 1910.178 "Powered industrial trucks". (See 29 CFR 1910.178 at http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=41e086cb8bf5a6958eb8533944227b80&rgn=div8&view=text&node=29:5.1.1.1.8.14.37.3&idno=29).
- Apply ANSI/ITSDF B56.1-2005, "Safety Standard for Low Lift and High Lift Trucks," suggestions regarding the use of fork-mounted work platforms. The publication is freely downloadable: http://www.itsdf.org/pB56.asp
- **When raised 4 feet (~1.2m) or higher**, any person who occupies the platform must wear a safety harness and lanyard.

SP models: The platform occupant MUST attach a lanyard to an anchoring point.

[WP models] Maximum occupancy is 2 persons; **only 1 person per anchoring point**.

[*Anchoring points are present at each end of the anchoring weldment and these features are identified in the drawings to the right.*]





[Rear view]

- Do not lean against the handrails or safety chains.
- Only use the work platform on smooth, level, finished surfaces capable of supporting the combined weight of the person(s) occupying the platform and all equipment and/or material present on the platform, the platform, and the fork lift.

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⚠WARNING (Continued from p. 9)

- Avoid sudden stops or quick turns while transporting the platform.
- **DO NOT drive the fork truck while the platform is occupied.** If it is necessary to reposition the fork truck or to relocate the platform, fully lower the forks, require all persons to disconnect safety lanyards and dismount the platform.
- Set the parking brake before lifting the platform.
- Hold onto the handrail on two sides of the work platform whenever rising or lowering.
- If the platform is equipped with (optional) casters, DO NOT move the platform if it is occupied. Require all persons to get off of the platform AND unload the platform completely BEFORE repositioning or relocating it.

Before entering the work platform, secure the platform to the (fork truck) mast. Inspect all of the platform structure for signs of damage, and verify that the gate latch and / or chain(s) will secure properly.

Model WP: push open the gate to enter the work platform; then release the gate. The gate automatically returns to the closed position. Push outwardly on the gate to confirm that it is locked.

Models having a gate on both sides (WP-####-DD): after entering this work platform from either side, let go of the gate to allow it to close automatically. Confirm that both gates function properly, i.e. fully and automatically close, before proceeding to use the platform.

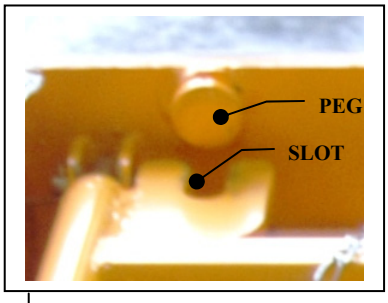
Model SP-175: enter the platform and then latch both of the safety chains to the D-rings. When using the platform to load stock, the forklift driver should orient the platform parallel to the shelving/racking.

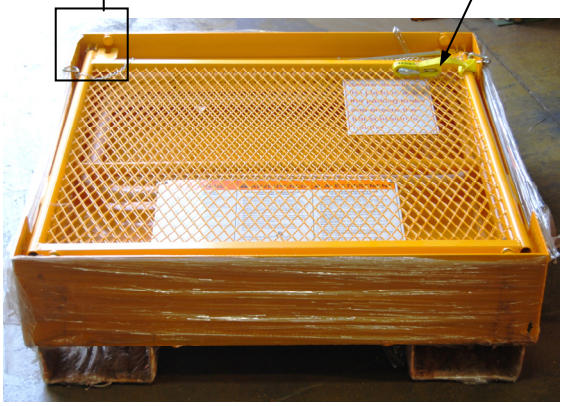
Model WP-3737-FD: enter the platform from either side, and then pull the gate closed. Lift the gate, pull the gate fully closed, and then press the gate downward to secure the latch (see "Setup/fold-down instructions"). Confirm that both gates are latched.

Setup / fold-down instructions [Model WP-3737-FD]:

⚠WARNING Folding the platform creates pinch points. Failure to avoid pinch points could lead to injury. Avoid the (obvious) injury hazards created as parts of the platform fold: keep feet, hands and clothing away from pinch points while folding or setting up the work platform.

Step 1: Identify the mast guard latching pegs and the fabricated slots as shown below.





Step 2: Raise the mast guard.

Once the guard is nearly vertical, lift it to allow the pegs to fit into the slots as the guard drops into position.

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Step 3: Raise the front guard rail.

Pivot the rail assembly toward the front of the platform.

Secure the assembly in place with the pegs and slots.

Step 4: Close and latch the gates.

Lift the gate to allow the peg welded to the free end can fit into the corresponding locking slot welded onto the mast guard.

Step 5: Secure the platform to the tines of the fork lift.

⚠WARNING The nylon strap is an essential safety-enhancing feature designed to connect the work platform to the carriage of a fork lift. Improperly connecting the nylon safety strap to either the platform or the fork lift might eliminate the safety benefit.

a.) Drive the fork lift tines into the fork pockets on the underside of the platform; then secure the platform to the fork lift with the tine lock (see Step 1 and FIG. 5A & 5B on p. 9).

b.) As delivered to you--the end-user--the strap is connected to the base of the mast guard (see “Safety strap connection diagram” on p. 9).

To order replacement parts:
Vestil uses only quality parts to make the equipment we manufacture. Vestil bears no responsibility for problems that result as a consequence of using unapproved replacement parts. To order replacement or spare parts for this equipment, contact the factory.

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Instructions for mounting casters to platform models WP-3636, -3648, & -4848

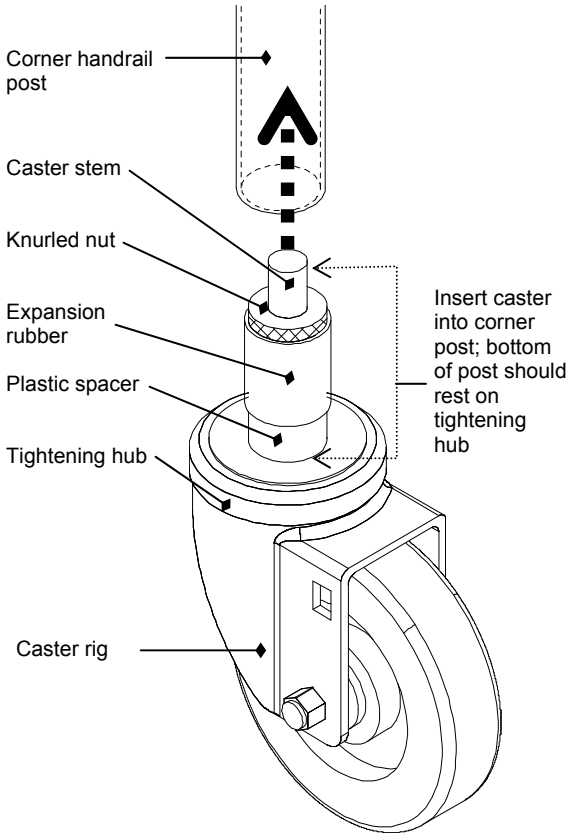
⚠WARNING Improperly installed, utilized, or maintained casters could make the platform unsafe to use. To reduce the likelihood of serious injury:

- READ EACH INSTRUCTION BEFORE BEGINNING THE INSTALLATION.
- Inspect the casters regularly for damage and to verify that the caster stem is still inserted fully and that it is securely held inside the post.
- Only use the casters on flat, even, solid surfaces.
- DO NOT move the platform when loaded with equipment or personnel. Only move the platform by means of the casters if completely unloaded AND unoccupied.
- Forklift operator: DO NOT lower the platform onto the casters at a rate greater than one foot per second. Gently lower the platform onto the casters to avoid damaging them.

1. Verify that the bottoms of all four of the handrail posts are undamaged and free of foreign material (inside the posts).
2. Raise the work platform high enough to allow the casters to be inserted into the bottom of each of the four posts.
3. Examine each caster; verify that each has a plastic spacer, a black rubber expansion sleeve, and a knurled nut as shown in Figure A.
4. Hold onto the 2½" tightening hub at the top of the caster rig with your hand and snug the knurled nut against the top rubber expansion sleeve.
5. Insert the caster stem into the bottom of the post until the tightening hub is up against the bottom of the handrail post.
6. Turn the tightening hub counterclockwise. If the hub doesn't tighten, apply side pressure to the caster while turning the hub. ***Note:*** The tightening hub must maintain contact with the bottom of the corner handrail post during tightening.
7. After hand-tightening the hub, pull down on the caster rig to verify that the caster is secured in the post.

Work platform with casters installed

FIG. 7: Caster insertion



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Emergency stop switch installation

NOTICE The instructions apply ONLY to gasoline-powered fork trucks. If the truck designated for use with work platforms is powered either by battery or diesel fuel, contact the truck manufacturer for installation directions.

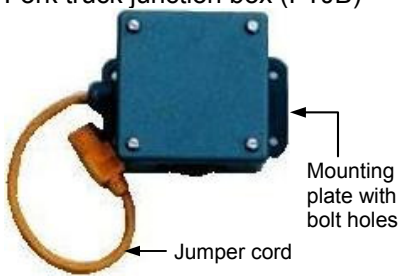
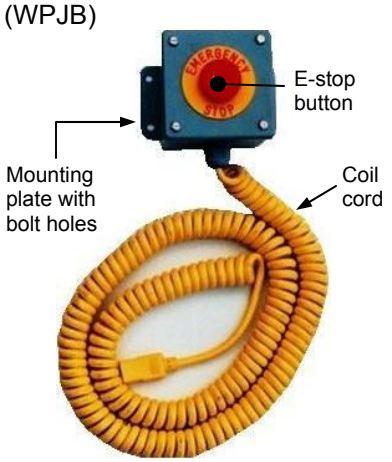
Item No.	Description	Quantity
1	¼ in. - 20 x 1in.	8
2	¼ in. - 20 lock nut	8
3	¼ in. flat washer	8
4	¼ in. fender washer	4
5	Fork truck junction box (FTJB) 	1
6	Work platform junction box (WPJB) 	1

FIG. 8: FTJB and WPJB mounting diagram

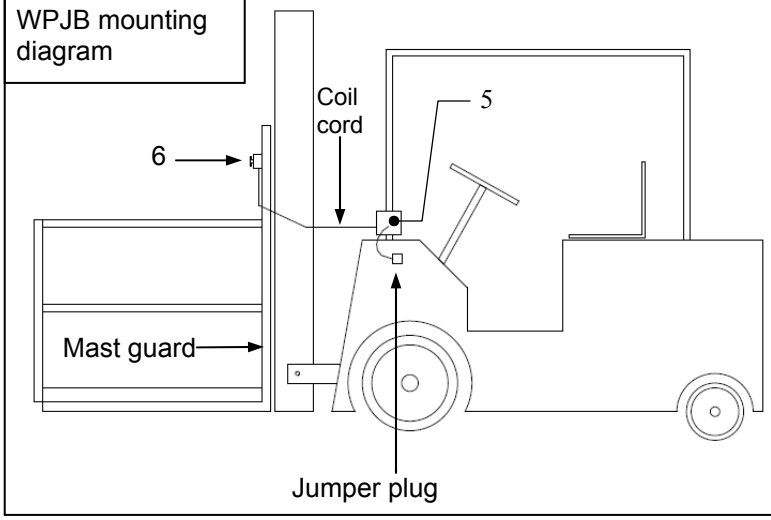
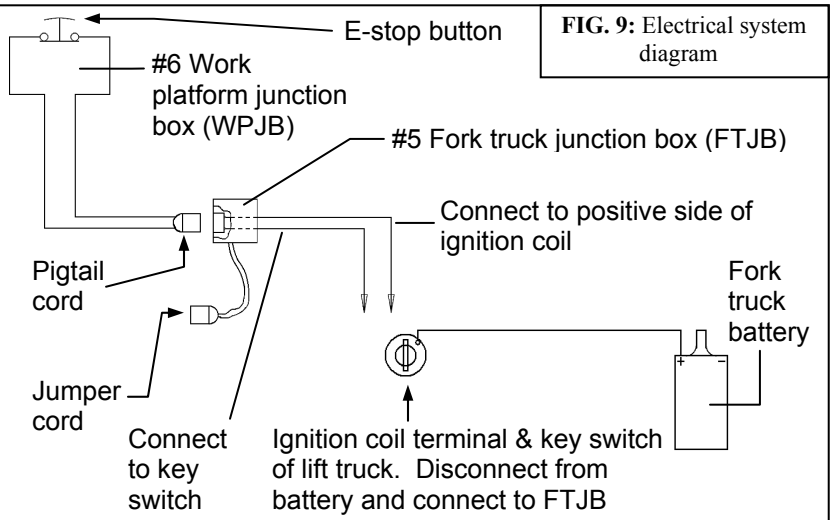


FIG. 9: Electrical system diagram


E-stop button
#6 Work platform junction box (WPJB)
#5 Fork truck junction box (FTJB)
Connect to positive side of ignition coil
Pigtail cord
Fork truck battery
Jumper cord
Connect to key switch
Ignition coil terminal & key switch of lift truck. Disconnect from battery and connect to FTJB

1) Mount the fork truck junction box (5) in an appropriate place on the designated fork lift (for instance, on the operator roll cage/ overhead guard as shown in FIG. 8 & 9 above). Fasten junction box (5) to the lift truck with 4 bolts, 4 flat washers, and 4 lock nuts.

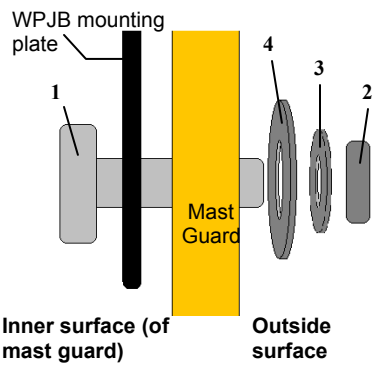
2) Disconnect the wire leading from the ignition coil (key switch) of the lift truck. Attach the wire to 1 of the receptacle terminals inside the fork truck junction box (5).

3) Connect the appropriate wire from the (ignition) key switch to the other receptacle terminal inside the junction box (5).

4) Mount the work platform junction box (6) to the mast guard. Position the junction box as shown in Fig. 10. Fasten the WPJB to the inside surface of the mast guard. Proper fastener order is shown in Fig. 11.

FIG. 10: Mounting WPJB

FIG. 11: Fastener order



Use Instructions

a) To operate the fork truck without platform attached: plug the FTJB jumper cord into the socket in the FTJB (connect the fork truck junction box to itself).

b) Work platform attached: unplug the jumper cord from the FTJB socket; then plug the male plug of the coil cord into the socket of the FTJB. Pull the E-stop button out.

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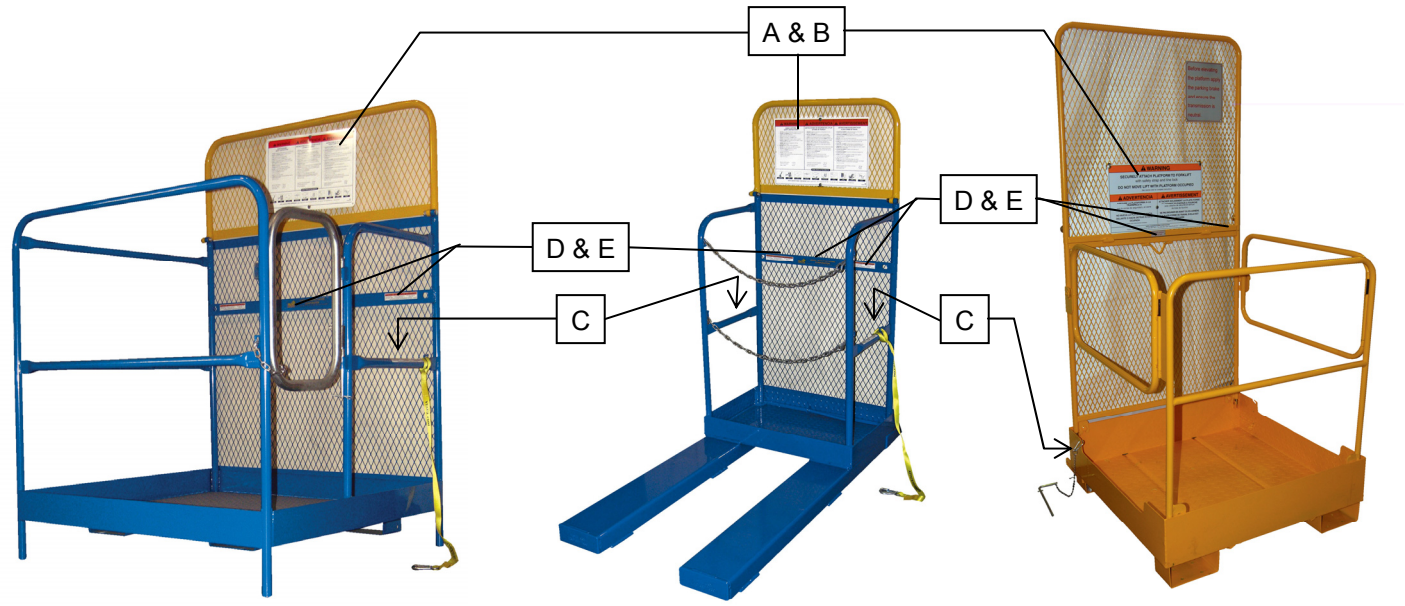
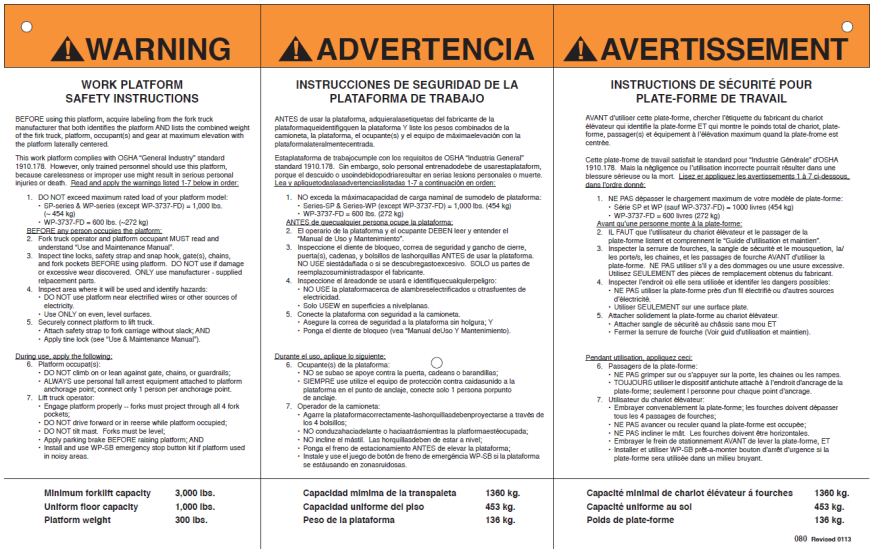
FIG. 12: Product Markings and Labels



WP-series platforms **SP-series platforms** **WP-3737-FD**

A (Label #080)



⚠WARNING

WORK PLATFORM SAFETY INSTRUCTIONS

BEFORE using this platform, acquire labeling from the fork truck manufacturer that both identifies the platform AND lists the combined weight of the fork truck, platform, occupant(s) and gear at maximum elevation with the platform laterally centered.

This work platform complies with OSHA "General Industry" standard 1910.178. However, only trained personnel should use this platform, because carelessness or improper use might result in serious personal injuries or death. Read and apply the warnings listed 1-7 below in order:

1. DO NOT exceed maximum rated load of your platform model:
   - SP-series & WP-series (except WP-3737-FD) = 1,000 lbs. (~454 kg)
   - WP-3737-FD = 600 lbs. (~272 kg)

BEFORE any person occupies the platform:

2. Fork truck operator and platform occupant MUST read and understand "Use and Maintenance Manual".
3. Inspect tine locks, safety strap and snap hook, gate(s), chains, and fork pockets BEFORE using platform. DO NOT use if damage or excessive wear discovered. ONLY use manufacturer - supplied replacement parts.
4. Inspect area where it will be used and identify hazards:
   - DO NOT use platform near electrified wires or other sources of electricity.
   - Use ONLY on even, level surfaces.
5. Securely connect platform to lift truck.
   - Attach safety strap to fork carriage without slack; AND
   - Apply tine lock (see "Use & Maintenance Manual").

During use, apply the following:

6. Platform occupant(s):
   - DO NOT climb on or lean against gate, chains, or guardrails;
   - ALWAYS use personal fall arrest equipment attached to platform anchorage point; connect only 1 person per anchorage point.
7. Lift truck operator:
   - Engage platform properly -- forks must project through all 4 fork pockets;
   - DO NOT drive forward or in reerse while platform occupied;
   - DO NOT tilt mast. Forks must be level;
   - Apply parking brake BEFORE raising platform; AND
   - Install and use WP-SB emergency stop button kit if platform used in noisy areas.

Minimum forklift capacity	**3,000 lbs.**
Uniform floor capacity	**1,000 lbs.**
Platform weight	**300 lbs.**

⚠ADVERTENCIA

INSTRUCCIONES DE SEGURIDAD DE LA PLATAFORMA DE TRABAJO

ANTES de usar la plataforma, adquieralaseparetiquetas del fabricante de la plataformaqueidentifiquen la plataforma Y liste los pesos combinados de la camioneta, la plataforma, el ocupante(s) y el equipo de máximaelevación con la plataformalateralmentecentrada.

Estaplataforma de trabajocumple con los requisitos de OSHA "Industria General" standard 1910.178. Sin embargo, solo personal entrenadodebe de usarestaplataforma, porque el descuido o usoindebidopodríaresultar en serias lesiones personales o muerte. Lea y aliquetodaslasadvertenciaslistadas 1-7 a continuación en orden:

1. NO exceda la máximacapacidad de carga naminal de sumodelo de plataforma:
   - Series-SP & Series-WP (except WP-3737-FD) = 1,000 lbs. (454 kg)
   - WP-3737-FD = 600 lbs. (272 kg)

ANTES de quecualquier persona ocupe la plataforma:

2. El operario de la plataforma y el ocupante DEBEN leer y entender el "Manual de Uso y Mantenimiento".
3. Inspeccione el diente de bloqueo, correa de seguridad y gancho de cierre, puerta(s), cadena, y bolsillos de lashorquillas ANTES de usar la plataforma. NO USE siestådañada o si se descubregastoexcesivo. SOLO us partes de reemplazosuministradapor el fabricante.
4. Inspeccione el áreadonde se usará e identifiquecualquierpeligro:
   - NO USE la plataformacerca de alambreselectrificados u otrasfuentes de electricidad.
   - Solo USEW en superficies a niveplanas.
5. Conecte la plataforma con seguridad a la camioneta.
   - Asegure la correa de seguridad a la plataforma sin holgura; Y
   - Ponga el diente de bloqueo (vea "Manual deUso Y Mantenimiento).

Durante el uso, aplique lo siguiente:

6. Ocupante(s) de la plataforma:
   - NO se subao se apoye contra la puerta, cadeans o barandillas;
   - SIEMPRE use utilize el equipo de protección contra caidasunido a la plataforma en el punto de anclaje, conecte solo 1 persona porpunto de anclaje.
7. Operador de la camioneta:
   - Agarre la plataformacorrectamente-lashorquillasdebenproyectarse a través de los 4 bolsillos;
   - NO conduzcahaciadelante o haciatrásmientras la plataformaestéocupada;
   - NO incline el mástil. Las horquillasdeben de estar a nivel;
   - Ponga el freno de estacionamiento ANTES de elevar la plataforma;
   - Instale y use el juego de botón de freno de emergéncia WP-SB si la plataforma se estásuando en zonasruidosas.

Capacidad mínima de la transpaleta	**1360 kg.**
Capacidad uniforme del piso	**453 kg.**
Peso de la plataforma	**136 kg.**

⚠AVERTISSEMENT

INSTRUCTIONS DE SÉCURITÉ POUR PLATE-FORME DE TRAVAIL

AVANT d'utiliser cette plate-forme, chercher l'étiquette du fabricant du chariot élévateur qui identifie la plate-forme ET qui montre le poinds total de chariot, plate-forme, passager(s) et équipement à l'élévation maximum quand la plate-frome est centrée.

Cette plate-frome de travail satisfait le standard pour "Industrie Générale" d'OSHA 1910.178. Mais la négligence ou l'utilisation incorrecte pourrait résulter dans une blessure sérieuse ou la mort. Lisez et appliquez les avertissements 1 à 7 ci-dessous, dans l'ordre donné:

1. NE PAS dépasser le chargement maximum de votre modèle de plate-forme:
   - Série SP et WP (sauf WP-3737-FD) = 1000 livres (454 kg)
   - WP-3737-FD = 600 livres (272 kg)

Avant qu'une personne monte à la plate-forme:

2. IL FAUT que l'utilisateur du chariot élévateur et le passager de la plate-forme lisent et comprennent le "Guide d'utilisation et maintien".
3. Inspecter la serrure de fourches, la sangle de sécurité et le mousqueton, la/les portes, les chaines, et les passages de fourche AVANT d'utiliser la plate-forme. NE PAS utiliser s'il y a des dommages ou une usure excessive. Utilisez SEULEMENT des pièces de remplacement obtenus du fabricant.
4. Inspecter l'endroit où elle sera utilisée et identifier les dangers possibles:
   - NE PAS utiliser la plate-forme près d'un fil électrifié ou d'autres sources d'électricité.
   - Utiliser SEULEMENT sur une surface plate.
5. Attacher solidement la plate-forme au chariot élévateur.
   - Attacher sangle de sécurité au châssis sans mou ET
   - Fermer la serrure de fourche (Voir guid d'utilisation et maintien).

Pendant utilisation, appliquez ceci:

6. Passagers de la plate-forme:
   - NE PAS grimper sur ou s'appuyer sur la porte, les chaines ou les rampes.
   - TOUJOURS utiliser le dispositif antichute attaché à l'endroit d'ancrage de la plate-forme; seulement l personne pour chaque point d'ancrage.
7. Utilisateur du chariot élévateur:
   - Embrayer convenablement la plate-forme; les fourches doivent dépasser tous les 4 passages de fourches;
   - NE PAS avancer ou reculer quand la plate-forme est occupée;
   - NE PAS incliner le mât. Les fourches doivent être horizontales.
   - Embrayer le frein de stationnement AVANT de lever la plate-forme, ET
   - Installer et utiliser WP-SB prêt-a-monter bouton d'arrêt d'urgence si la plate-forme sera utilisée dans un milieu bruyant.

Capacité minimal de chariot élévateur à fourches	**1360 kg.**
Capacité uniforme au sol	**453 kg.**
Poids de plate-forme	**136 kg.**

080 Revised 0113

B (Label #082)

⚠ WARNING

SECURELY ATTACH PLATFORM TO FORKLIFT
with safety strap and tine lock

DO NOT MOVE LIFT WITH PLATFORM OCCUPIED
See reverse side for complete instructions

⚠ ADVERTENCIA

ASEGURE LA PLATAFORMA A LA TRANSPALETA
con la correa de seguridad y el cierre

NO MUEVA LA PLATAFORMA HACIA DELANTE O HACIA DETRAS SI ESTA OCUPADA.
Vea al reverso para instrucciones completas

⚠ AVERTISSEMENT

ATTACHER SOLIDEMENT LA PLATE-FORME AU CHARIOT ELEVATEUR A FOURCHE
avec attache de sécurité et serrure de bras de fourche

NE PAS BOUGER EN AVANT OU EN ARRIÈRE LA PLATE-FORME DE TRAVAIL SI ELLE EST OCCUPÉE.
Regarder au verso pour les instructions complètes

VESTIL MANUFACTURING CORPORATION
Phone (260) 665-7586 • www.vestil.com

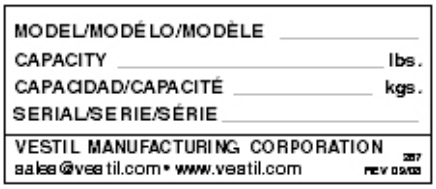
082
Revised 1006

C (Label #525)

⚠WARNING	⚠ADVERTENCIA	⚠AVERTISSEMENT
SECURELY ATTACH the safety locking device to forklift	**SUJETE CON SEGURIDAD el seguro de cierre a la transpaleta**	**ATTACHER SOLIDEMENT le dispositif d'arrêt automatique au chariot élévateur**

VESTIL MANUFACTURING CORPORATION • Angola, Indiana USA • Phone (260)665-7586 • sales@vestil.com • www.vestil.com 526 Rev 02/05

D (Label #287)



MODEL/MODÉLO/MODÈLE _____

CAPACITY _____ lbs.

CAPACIDAD/CAPACITÉ _____ kgs.

SERIAL/SERIE/SÉRIE _____

VESTIL MANUFACTURING CORPORATION
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287
rev 03/03

E (Label #253)

⚠WARNING	⚠ADVERTENCIA	⚠AVERTISSEMENT
FASTEN SAFETY RESTRAINT HERE	SUJETE EL RETENEDOR DE SEGURIDAD AQUI	METTRE LE FREIN DE SÛRETÉ ICI

Vestil Manufacturing Corporation • Phone (260) 665-7586 • www.vestil.com 253 rev 0105

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LIMITED WARRANTY

Vestil Manufacturing Corporation ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. *Our warranty obligation is to provide a replacement for a defective original part **if** the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service*.

Who may request service?
Only a warrantee may request service. *You are a warrantee **if*** you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

What is an "original part"?
An original part is a part *used to make the product as shipped* to the warrantee.

What is a "proper request"?
A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail	Fax	Email
Vestil Manufacturing Corporation	(260) 665-1339	sales@vestil.com
2999 North Wayne Street, PO Box 507	Phone	
Angola, IN 46703	(260) 665-7586	

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

What is covered under the warranty?
After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

How long is the warranty period?
The warranty period for original components is 90 days. The warranty period begins on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. Vestil may extend the warranty period for products shipped from authorized distributors by *up to* 30 days to account for shipping time.

If a defective part is covered by the warranty, what will Vestil do to correct the problem?
Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

What is not covered by the warranty?
1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
    - Product misuse;
    - Negligent operation or repair;
    - Corrosion or use in corrosive conditions;
    - Inadequate or improper maintenance;
    - Damage sustained during shipping;
    - Accidents involving the product;
    - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

Do any other warranties apply to the product?
Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.

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